Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 22 Apr 2023 until 23:59 on Sunday 23 Apr 2023

Forecast Issued on Saturday 22 Apr 2023 at 04:30

Confidence: High for overall trend towards changeable conditions, but lower confidence in rain and shower detail this weekend.

Headline for Saturday 22 Apr 2023: Rain, locally heavy, clearing northwards this morning. Turning brighter with isolated heavy showers developing. Lighter winds.

Mountain weather hazards on Saturday 22 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Heavy rain showers	Heavy rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
70%	30%	40%	30%	10%	<05%

Forecast for Saturday 22 Apr 2023

Weather: A band of rain, locally heavy, accompanied with extensive low cloud and poor visibility, will clear north this morning. Some limited bright or sunny spells will develop, along with isolated heavy and possibly thundery showers. Any showers will die away by this evening, leaving clear spells and allowing temperatures to quickly fall.

Chance of cloud-free hill tops above 600m: 10% at first across eastern areas and 40% across the west, gradually improving to generally 60% this afternoon and 90% this evening.

Low cloud and visibility: At first extensive low cloud with bases down to 200-300m across eastern areas, and broken low cloud with bases around 400-500m across the west. This gradually lifting later this morning. Poor or very poor visibility in low cloud, rain or heavy showers otherwise good or very good this afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 22 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 SW	12/16 SW	11/16 SW	12/17 SW	9/12 SW	9/12 S	9/12 S
300	7/10 SW	8/11 SW	9/13 SW	11/16 SW	6/10 SW	6/10 S	6/9 S
Valley	5/8 SW	6/10 SW	7/13 SW	9/16 SW	5/10 W	5/10 S	3/8 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	4/0	6/3	7/4	7/4	5/2	5/2
300	6/4	7/4	9/7	10/8	9/8	8/6	7/5
Valley	7/5	8/6	10/9	11/9	10/9	8/7	7/6
Freezing Level*	1300m	1100m	1200m	1200m	1200m	1200m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rain or showers will lead to wet and slippery conditions under foot at times, therefore, suitable footwear is advised for spending any length of time walking or hiking. Early low cloud and poor visibility may lead to navigational difficulties.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 22 Apr 2023	4mm	5mm	5mm

Forecast for Sunday 23 Apr 2023

Weather: Some uncertainty in the precipitation details for Sunday. However, it looks like quickly becoming cloudy with showers or outbreaks of rain, possibly heavy at times with a low risk of thunder, especially during the afternoon. Extensive low cloud and poor visibility on the summits at times, most likely overnight and during the evening.

Maximum wind: Southwesterly 10mph at first, becoming northerly 15-20mph, with occasional gusts up to 25-30mph on the summits.

Chance of cloud-free hill tops above 600m: 20% chance early and late, but improving to 60% during daylight hours.

Low cloud and visibility: Extensive low cloud, with bases down to 300-400m at first, lifting to 400-600m during the day, before lowering again later in the day.

Temperature: **Valleys:** Plus 6 Celsius, becoming Plus 9 Celsius.
At 600m: Plus 4 Celsius, becoming Plus 6 Celsius.
Freezing level: Above the summits.

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